



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

Released weekly April - November

Issued 4:00 P.M., August 30, 2010

22-10

AGRICULTURAL NEWS: It was beautiful, but unfortunately rain-free across Kentucky last week. Only five weather stations had any measurable precipitation for the week. **Topsoil moisture** was rated as 36 percent very short, 31 percent short, 32 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated as 37 percent very short, 31 percent short and 32 percent adequate. There were 6.4 days out of a possible 7 that were suitable for fieldwork. Main farm activities last week included topping, cutting and housing tobacco, shelling corn and other general farm work.

ROW CROPS: Corn harvest is ahead of schedule at 12 percent, compared to 5 percent for the five year average. Sixty-five percent of the corn acreage was considered mature, well ahead of the 17 percent for the previous year and the five year average of 42 percent. Eighty-seven percent of the corn acreage was in the dent stage, running ahead of both the previous year at 66 percent and the five year average of 81 percent. Corn dough was 99 percent, ahead of the 83 percent for 2009 and the five year average of 94 percent. Condition of the corn crop was rated 7 percent very poor, 16 percent poor, 33 percent fair, 38 percent good, and 6 percent excellent. Ninety-seven percent of the soybeans were setting pods, ahead of both last year and the five year average at 86 and 85 percent, respectively. Fifteen percent of soybeans were shedding leaves, compared to 3 percent last year, and 5 percent for the five year average. Soybean crop condition was reported as 13 percent very poor, 22 percent poor, 34 percent fair, 24 percent good, and 7 percent excellent.

TOBACCO: Tobacco conditions in the field were reported as 1 percent very poor, 9 percent poor, 33 percent fair, 42 percent good and 15 percent excellent. As of August 29, 45 percent of the dark tobacco and 40 percent of the burley was cut. Burley

was 94 percent topped, which compares to 87 percent topped a year ago and 92 percent for the average.

OTHER CROPS AND PASTURE: Pastures were rated as 16 percent very poor, 22 percent poor, 22 percent fair, 35 percent good, and 5 percent excellent. Hay crop condition was rated as 9 percent very poor, 18 percent poor, 23 percent fair, 40 percent good, and 10 percent excellent. Both pastures and hay are in need of a good, steady rain. Livestock benefitted from lower temperatures and humidity.

CROP PROGRESS for week ending 08/29/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Dough	99	90	83	94
Corn Dent	87	78	66	81
Corn Mature	65	33	17	42
Corn Harvested	12	NA	0	5
Soybeans Setting Pods	97	90	86	85
Soybeans Dropping Leaves	15	NA	3	5
Burley Tobacco Topped	94	83	87	92
Burley Tobacco Cut	40	27	36	41
Dark Tobacco Cut	45	25	34	38

SOIL MOISTURE for week ending 08/29/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	36	31	32	1
Subsoil	37	31	32	0

CROP CONDITIONS for week ending 08/29/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	7	16	33	38	6
Soybeans	13	22	34	24	7
Pasture	16	22	22	35	5
Hay Crops	9	18	23	40	10
Tobacco	1	9	33	42	15

KENTUCKY WEATHER SUMMARY, AUGUST 23 - 29, 2010:

Near Normal Temperature and Below Normal Rainfall:

This past week the rainfall simply turned off. Only the Western climate division received a measurable amount of rainfall. Besides the lone shower in the west, skies were mostly clear for the week and highs were just above normal. The biggest change of the past week was the lack of moisture in the air, which kept humidity levels far lower than they had been over the previous several weeks.

Temperatures for the period averaged 74 degrees across the state which was 1 degree above normal and 4 degrees cooler than the previous week. High temperatures averaged from 88 in the West to 83 in the East. Departure from normal high temperatures ranged from 2 degrees above normal in the West to 1 degree above normal in the East. Low temperatures averaged from 62 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 1 degree below normal in the West to 0 degrees from normal in the East.

Rainfall for the period totaled 0.01 inches statewide which was 0.83 inches below normal. Rainfall totals by climate division, West 0.03 inches, Central 0.00 inches, Bluegrass 0.00 inches and East 0.00 inches, which was 0.76, 0.84, 0.86 and 0.87 inches respectively below normal. By station, rainfall totals ranged from a low of 0.00 inches at Bardstown to a high of 0.16 inches at Princeton.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, AUGUST 29, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)				(Degrees Fahrenheit)						
Bardstown	0.00	21.76	1.92	+1.07	-1.63	90	55	73.9	+1	161	3318	+482
Berea	0.00	23.72	0.99	+2.55	-2.61	89	51	70.1	-2	137	3123	+196
Bowling Green	0.00	30.51	5.58	+9.06	+2.41	91	58	76.1	+4	177	3525	+568
Bristol	0.00	15.12	6.02	-2.91	+3.16	91	60	74.0	+2	162	3185	+471
Buckhorn Lake	0.00	20.81	5.08	+0.55	+1.78	87	55	70.4	-1	141	3066	+501
Cape Girardeau	0.00	16.87	0.81	-3.02	-2.34	93	51	74.5	+0	161	3499	+390
Campbellsville	0.00	27.44	1.60	+3.70	-2.53	90	56	72.8	+0	154	3232	+335
Covington	0.00	18.26	1.14	-0.98	-1.89	92	58	74.0	+2	160	3156	+471
Cumberland Gap	0.00	23.39	5.48	+0.92	+1.57	89	59	73.0	+1	157	3276	+592
Dix Dam	0.00	25.64	2.72	+4.40	-0.80	93	52	73.3	+2	155	3222	+357
Evansville	0.00	13.21	0.84	-6.00	-1.97	95	54	76.2	+2	169	3441	+483
Glasgow	0.00	29.26	7.81	+5.97	+4.17	89	57	73.8	+1	163	3394	+527
Grayson	0.00	25.63	2.46	+5.53	-0.93	90	54	70.4	-1	138	3060	+527
Hardinsburg	0.00	19.57	1.22	-1.71	-2.19	95	56	74.6	+2	163	3317	+360
Henderson	0.00	14.86	0.49	-4.80	-2.37	95	52	74.4	-0	161	3338	+350
Huntington	0.04	23.12	2.60	+2.94	-0.96	91	57	72.9	+1	155	3193	+478
Jackson	0.00	22.25	3.51	+0.85	-0.11	89	59	72.8	+1	156	3237	+672
Lexington	0.00	23.69	0.80	+3.00	-2.75	93	57	73.7	+2	157	3226	+511
London	0.00	23.02	6.04	+3.36	+3.05	88	59	73.0	+1	157	3245	+561
Louisville	0.02	23.80	2.06	+3.67	-1.14	96	61	77.9	+5	181	3657	+670
Mayfield	0.00	17.91	5.11	-3.59	+1.65	94	53	74.6	+0	162	3472	+454
Nashville	0.01	38.11	7.36	+18.08	+4.23	93	61	77.7	+5	185	3628	+460
Nolin Lake	0.00	24.17	1.87	+1.68	-1.52	90	54	73.4	+1	157	3276	+531
Paducah	0.00	14.32	1.52	-6.99	-1.50	96	55	76.2	+2	171	3543	+465
Princeton	0.16	23.70	2.44	+2.05	-1.18	94	55	75.6	+1	171	3476	+429
Quicksand	0.00	19.73	3.77	-1.67	+0.15	91	57	73.0	+1	155	3197	+632
Somerset	0.00	27.89	4.40	+5.67	+0.86	90	54	72.4	+1	152	3185	+410
Spindletop	0.00	22.22	1.54	+1.53	-2.01	92	54	72.9	+1	153	3227	+512
Williamstown	0.01	20.90	0.78	+0.55	-2.59	93	56	72.9	+1	153	3125	+410

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>